Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035256.D
Acq On : 25 May 2022 23:58
Operator : CG/JU
Sample : N2894-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Quant Time: May 26 04:57:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	114496	20.000	ng	-0.02
21) Naphthalene-d8	10.686	136	431469	20.000	ng	-0.02
39) Acenaphthene-d10	14.521	164	273264	20.000	ng	-0.02
64) Phenanthrene-d10	17.268	188	581200	20.000	ng	-0.02
76) Chrysene-d12	21.450	240	604377	20.000	ng	#-0.02
86) Perylene-d12	23.827	264	668823	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	592100	91.234	ng	-0.01
7) Phenol-d6	7.057	99	761479	90.889	ng	-0.02
23) Nitrobenzene-d5	9.045	82	497821	62.306	ng	-0.02
42) 2,4,6-Tribromophenol	16.010	330	309639	104.166	ng	-0.02
45) 2-Fluorobiphenyl	13.151	172	1197762	63.629	ng	-0.02
79) Terphenyl-d14	19.892	244	1959250	62.767	ng	-0.02
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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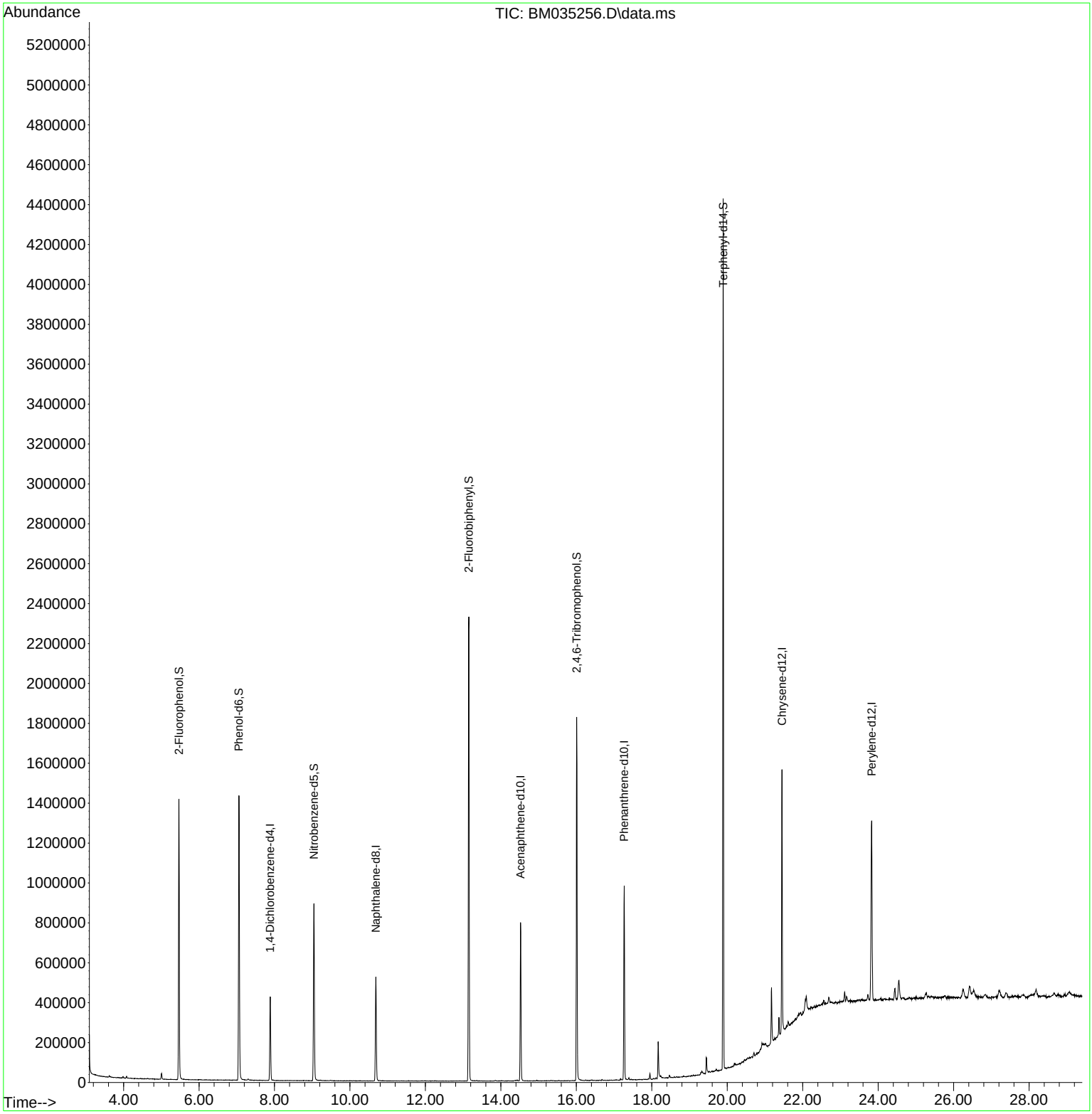
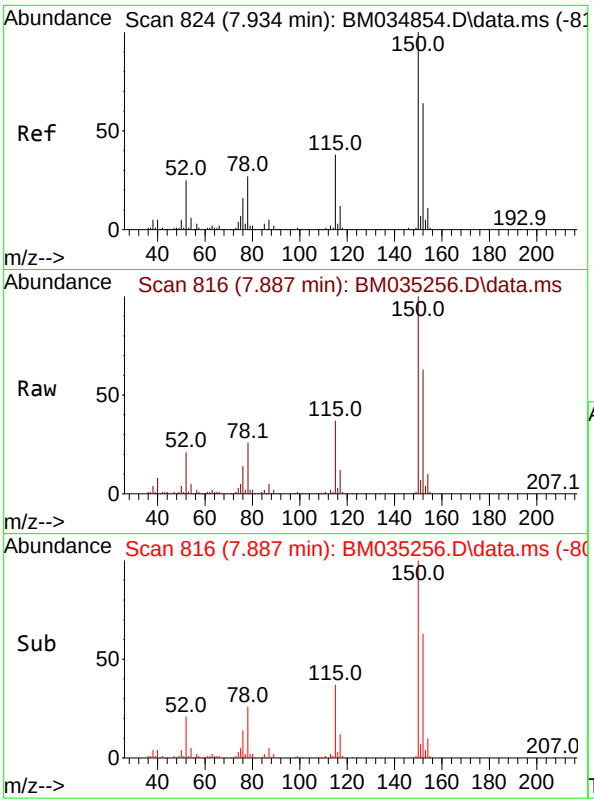


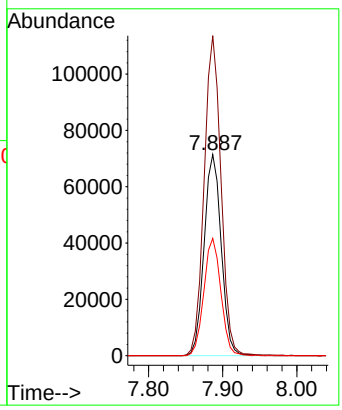


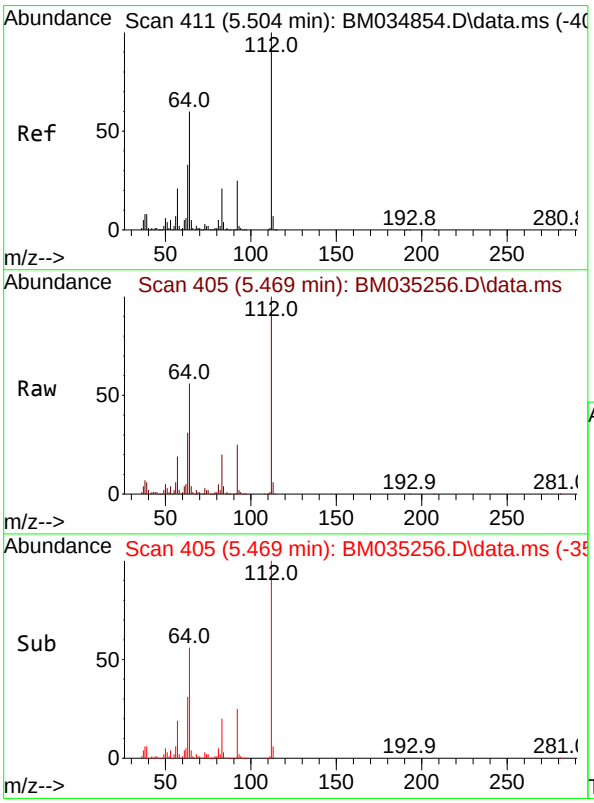
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Tgt Ion:152 Resp: 114496

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	58.3	47.9	71.9

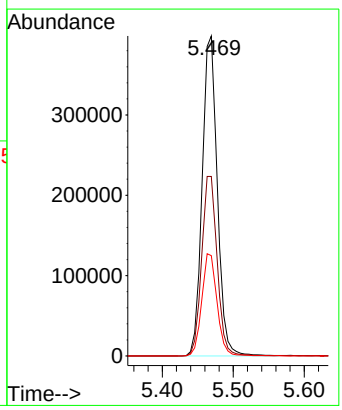


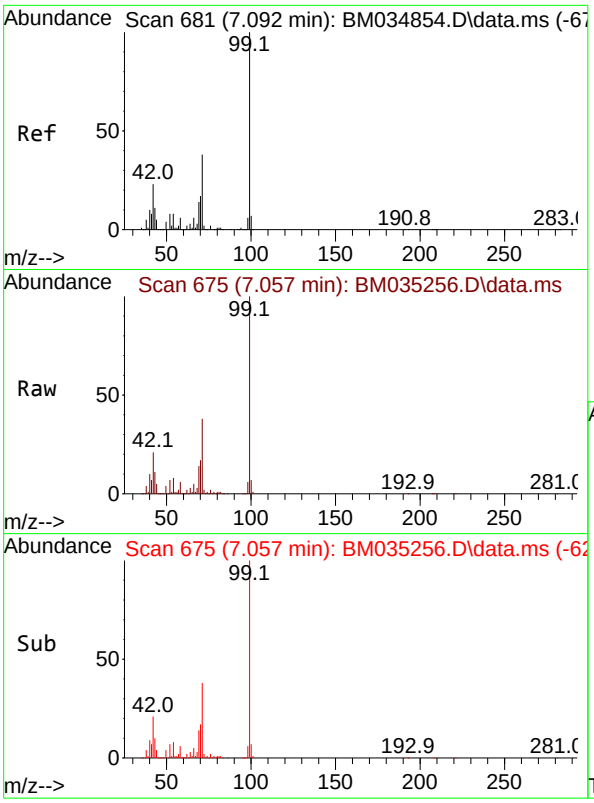


#5
2-Fluorophenol
Concen: 91.234 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.012 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Tgt Ion:112 Resp: 592100

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.8	71.6
63	31.3	26.6	40.0



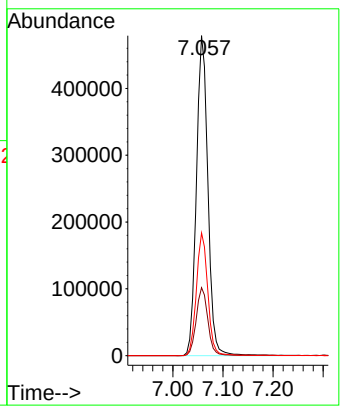


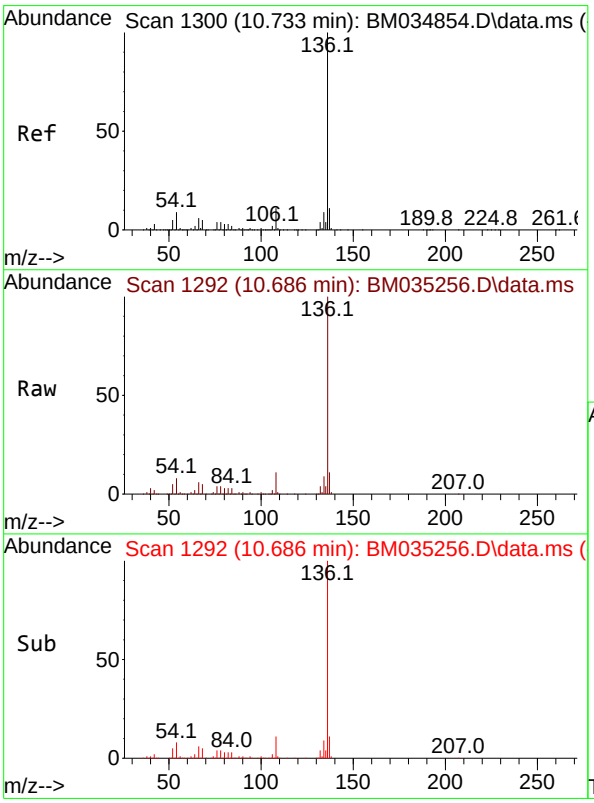
#7
Phenol-d6
Concen: 90.889 ng
RT: 7.057 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Tgt Ion: 99 Resp: 761479

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.8	28.2
71	38.4	30.2	45.2

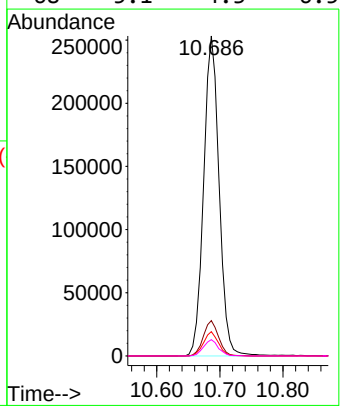


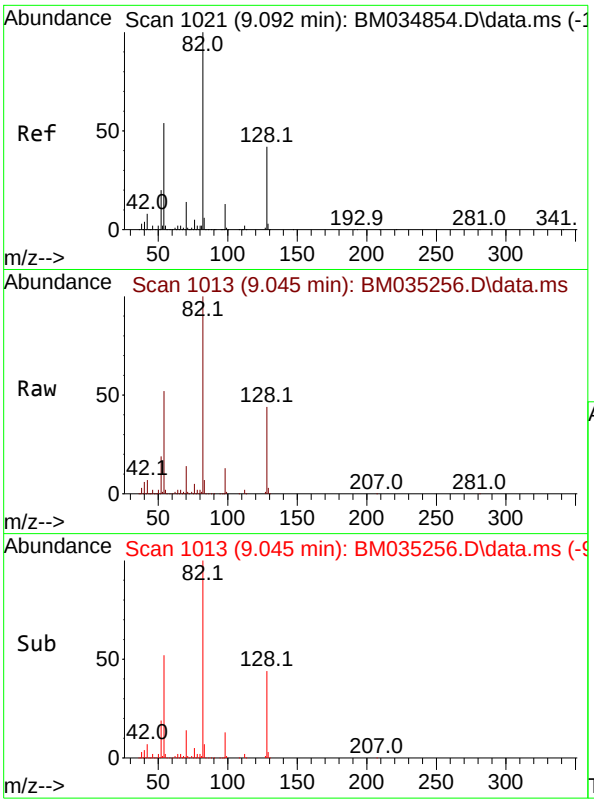


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Tgt Ion:136 Resp: 431469

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	7.0	10.4
68	5.1	4.3	6.5



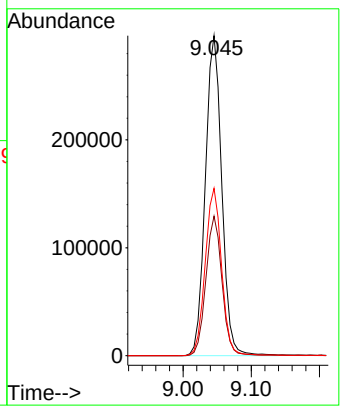


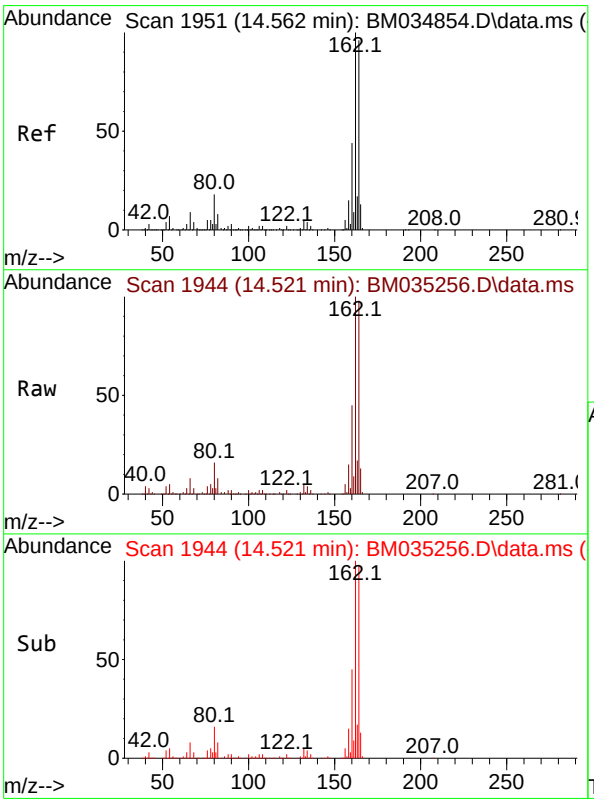
#23
Nitrobenzene-d5
Concen: 62.306 ng
RT: 9.045 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Tgt Ion: 82 Resp: 497821

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.7	50.5
54	52.3	43.2	64.8

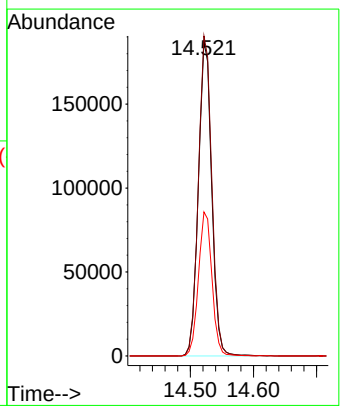


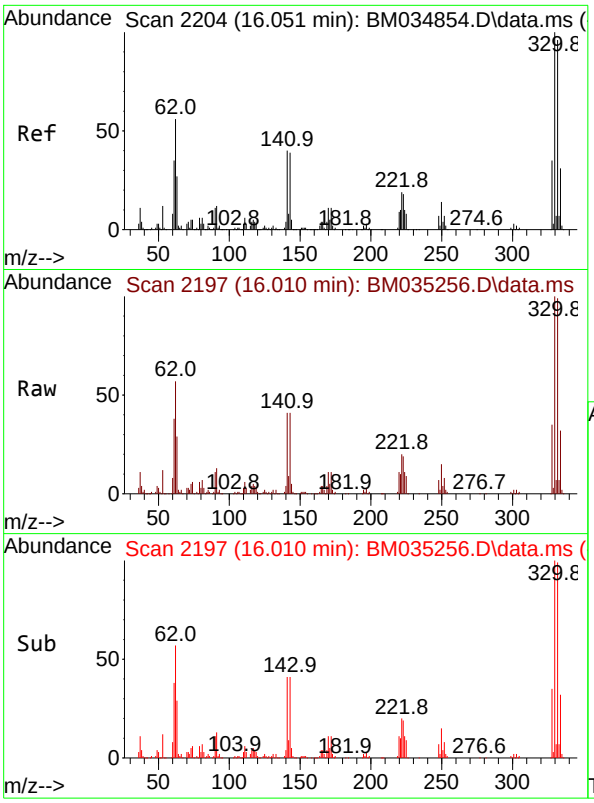


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1944
Delta R.T. -0.024 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Tgt Ion:164 Resp: 273264

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.6
160	45.9	37.0	55.4



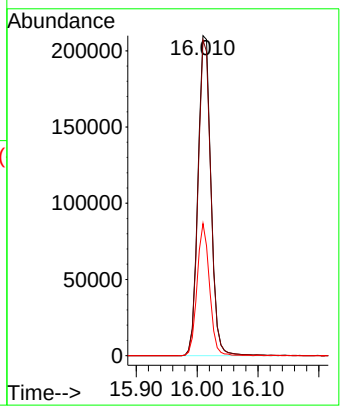


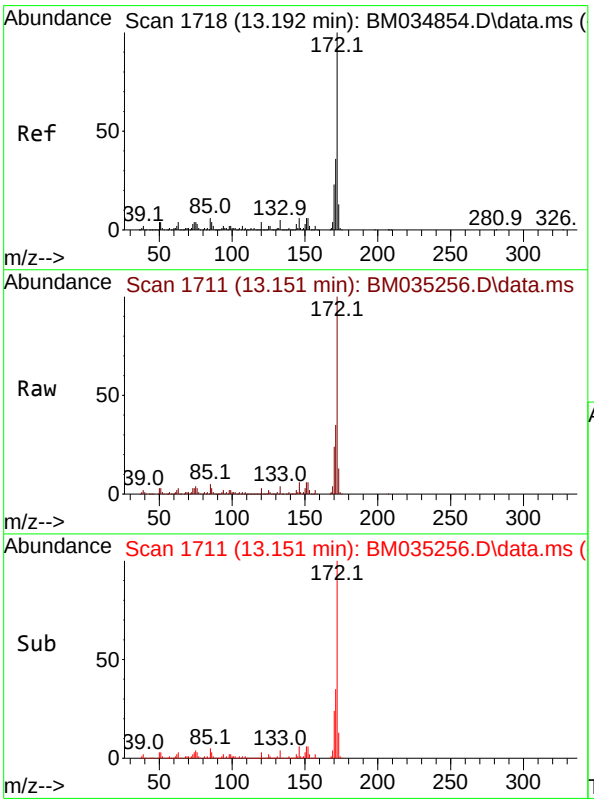
#42
2,4,6-Tribromophenol
Concen: 104.166 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Tgt Ion:330 Resp: 309639

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.4
141	39.5	35.3	52.9

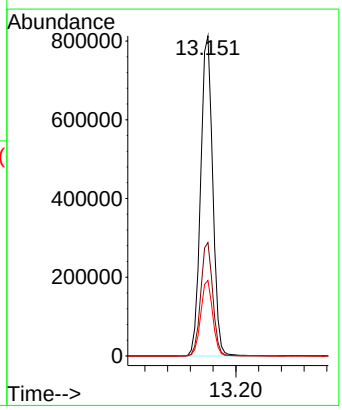


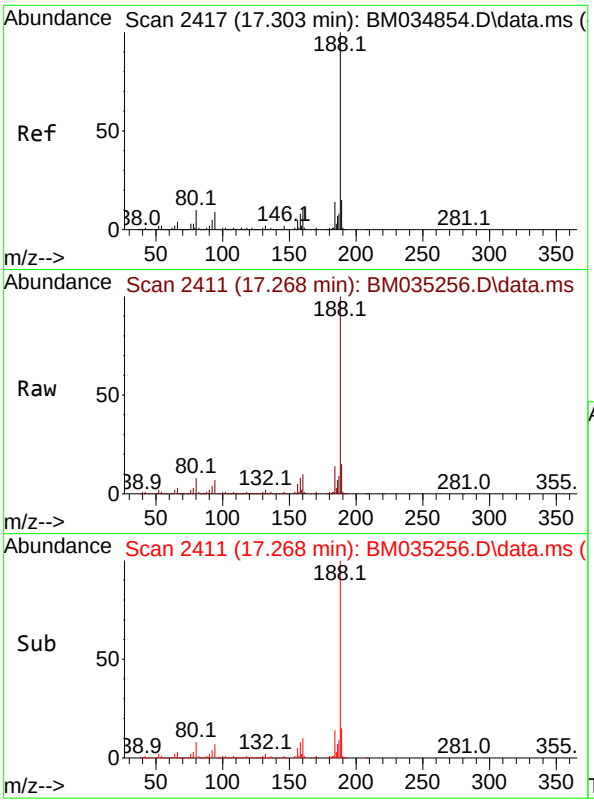


#45
2-Fluorobiphenyl
Concen: 63.629 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Tgt Ion:172 Resp: 1197762

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.6	18.7	28.1



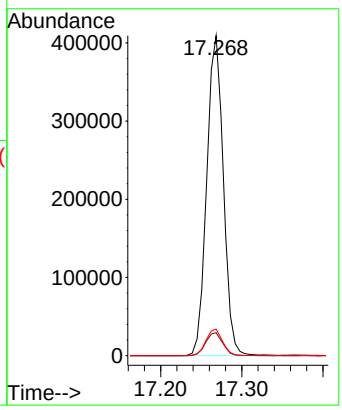


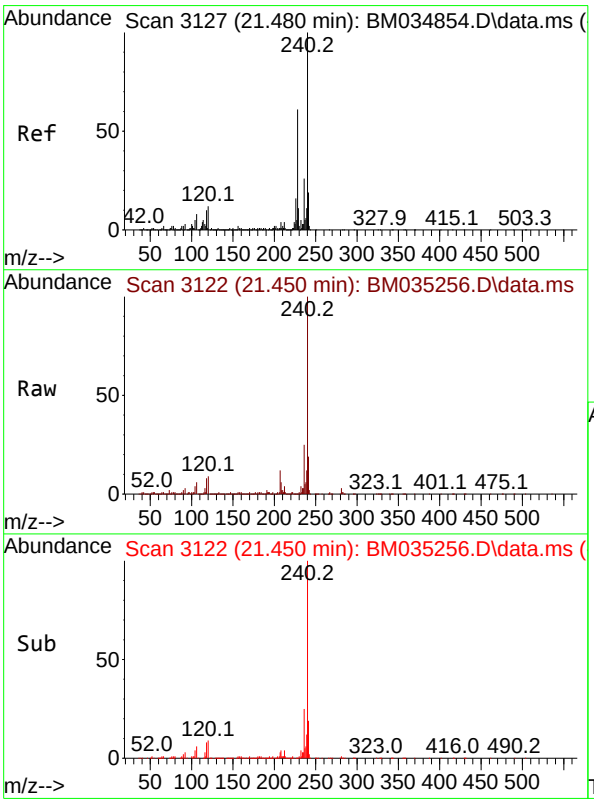
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Tgt Ion:188 Resp: 581200

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.0	10.4
80	8.3	7.6	11.4

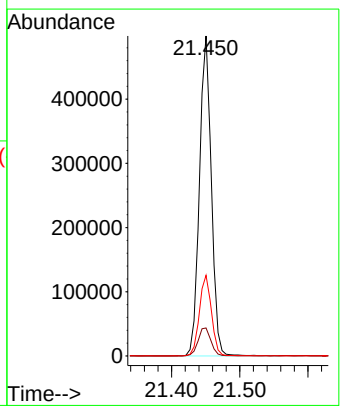


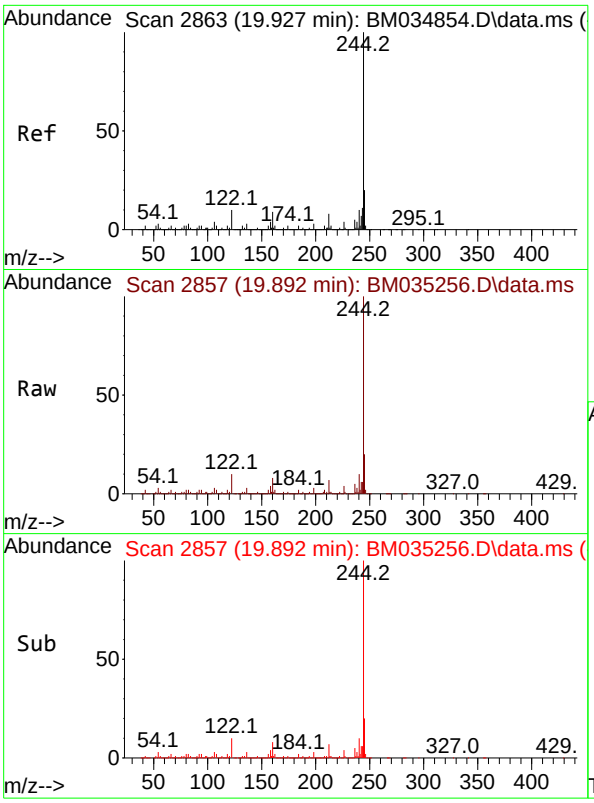


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Tgt Ion:240 Resp: 604377

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.4	14.0#
236	25.2	20.6	30.8



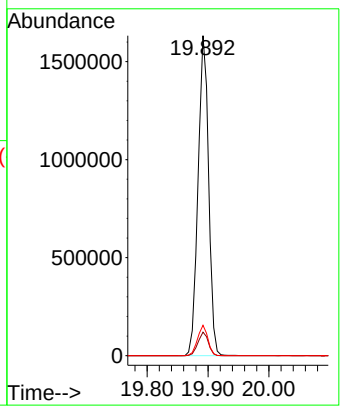


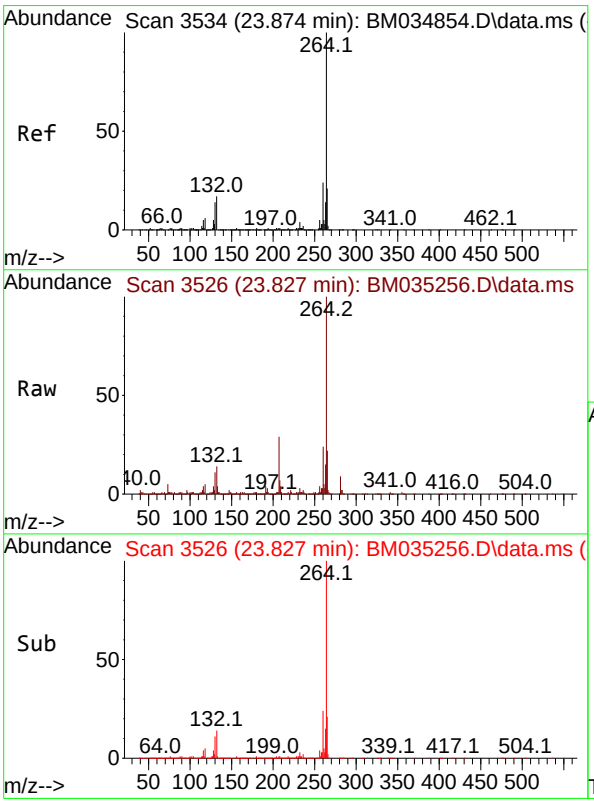
#79
Terphenyl-d14
Concen: 62.767 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.024 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Instrument :
BNA_M
ClientSampleId :
P008-SS002-0612-01

Tgt Ion:244 Resp: 1959250

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	9.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.029 min
Lab File: BM035256.D
Acq: 25 May 2022 23:58

Tgt Ion:264 Resp: 668823

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.5	17.5	26.3